Northern Region

Ontario

Ministry of
Natural
Resources

ISBN 0-7729-0177-5
MNR 3288

Frederick House L. Provincial Nature Reserve

Interim Management Statement

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Ministry of Natural Resources
Ontario

March, 1985

REGIONAL DIRECTOR'S APPROVAL STATEMENT

I am pleased to approve this Interim Management Statement for Frederick House Lake Provincial Park.

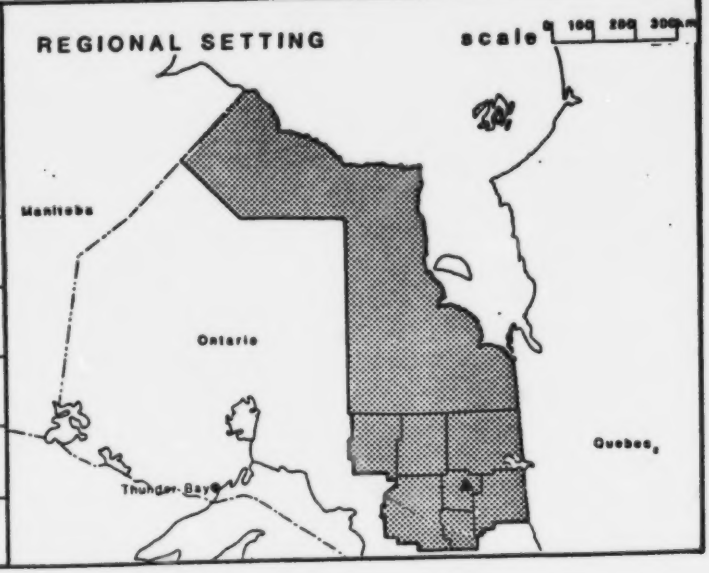
This Statement will provide direction for the management of Frederick House Lake Provincial Park until a Park Management Plan is completed. It will also set the general direction for the preparation of the more detailed management policies that the Management Plan will contain.

R.A. Riley
Regional Director
Northern Region

BACKGROUND

NAME:	Frederick House Lake Provincial Park
PROPOSED CLASS:	Earth Science Nature Reserve
M.N.R. DISTRICT	Timmins District
M.N.R. REGION:	Northeastern
AREA (ha.):	3.66 Ha
SITE REGION:	
SITE DISTRICT:	
DATE in REGULATION:	

REGIONAL SETTING



LIFE SCIENCE TARGET

site type/landscape unit	species/communities
no significant vegetation sites mixed forest cover	

EARTH SCIENCE TARGET

geological theme	feature
An example of a stratigraphic type section of the Barlow-Objibway formation (Quarternary, Lake Wisconsinan) and the Connaught varved clay sequence.	Extensively exposed clay varves of the Frederick sequence and the overlying silt and sand units of this glaciolacustrine deposit.

CULTURAL RESOURCE TARGET

theme	theme segment
Education oriented only	N/A

RECREATION OPPORTUNITIES TARGET

day use	car camping	wilderness back country
N/A	N/A	N/A

INVENTORIES

level type	earth science	life science	cultural	receational	
reconnaissance completed	Yes	No	N/A	N/A	
detailed completed	No	No	N/A	N/A	
required	Yes	not necessary	N/A	N/A	

POTENTIAL RESOURCE USE CONFLICT

None - it falls within 400' boundary of Frederick House Lake

MATERIAL APPENDED

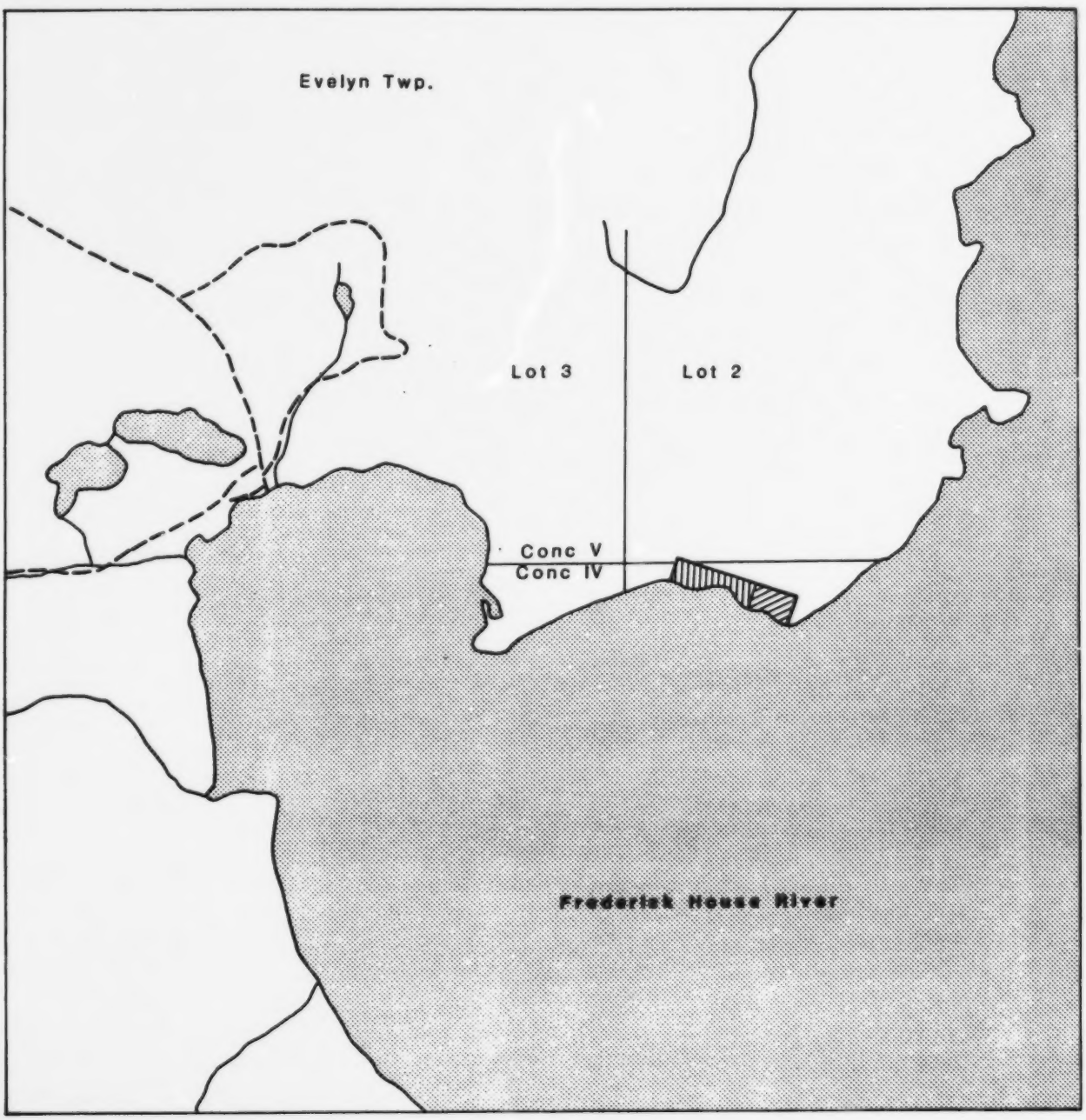
D.L.U.G. extract ☐ checksheet ☐ other _____

Earth Science Features

Glaciolacustrine Plain - medium to fine textured sand

Fine Grained Silty Varved Clay Plain - underlain by bedrock knobs, low relief

0 500m North



MANAGEMENT STATEMENT

1. Issues

There are no relevant management issues for this park.

2. Resource Management Guidelines

2.1 Mineral Resources Management

Analysis	Guidelines	Recommendation
The nature reserve status of the park protects it from any form of degrading land use/ activity including such forms of surface exploration/mining as open pit mining.	Geological exploration may be authorized by the district manager provided that such activity enhances knowledge/understanding of the geological features, and that the results of such work are made available to M.N.R. Mineral exploration/ extraction will not be permitted.	That the guidelines be implemented with the approval of the plan and following appropriate changes to regulation.

2.2 Wildlife Management

Analysis	Guidelines	Recommendation
The park falls within Trapline T1-39.	As hunting and trapping pose no threat to park values, these activities will be permitted.	That the guidelines be implemented with the approval of the plan and following appropriate changes to regulations under The Game and Fish Act.

2.3 Vegetation Management

Analysis	Guidelines	Recommendation
The park contains no known significant vegetation sites.	Silviculture which enhances the park's geological features may be permitted.	That the guidelines be implemented with the approval of the plan.

3.0 Client Services Management Guidelines

3.1 Information: Basic information about Frederick House Lake Provincial Park will be produced for geologists and students. Specifically, a small leaflet providing information about access, the park's significance, references, and so forth, using photos, access and geological maps, and text should be adequate.

3.2 Education: Prospective visitors should be warned of the resource's vulnerability to damage from collectors; for example in any publication which is produced for the park.

3.3 Development: The existing restricted access to the site is beneficial in terms of minimizing human impact on the resource. Therefore, no development is proposed.

APPENDIX I: NATURAL RESOURCES BACKGROUND INFORMATION

Frey (1980), describes the surficial geology of the Frederick House Lake earth science Nature Reserve as follows:

> The site is a stratigraphic type section (parastratotype) of the Barlow-Ojibway Formation [Quaternary, Lake Wisconsinan]. This section is the internationally recognized reference to the Connaught varved clay sequence of the Barlow-Objibway Formation. It consists of a composite of sections measured at several locations on the lakeshore. It displays clearly the transitional boundaries between the underlying thinner clay varves of the Frederick House sequence and the overlying silt and sand units of this glacioacustrine deposit. The silt and sand units are extensively exposed (7 m).

Frey (1980) appraises the park's earth science features as being of national significance.

9(b). EVELYN TOWNSHIP SITE

a. Area Description

The Evelyn Township (nature reserve class) candidate park is a 3.6 hectare site located on the north west shore of Frederick House Lake. Located here is an internationally recognized stratigraphic type section of the Barlow-Ojibway formation. Existing uses include hunting and trapping.

Due to its small size (3.6 hectares) and given the limited uses that are ongoing (hunting and trapping) within it, it is further recommended that these ongoing activities be permitted to continue. An outline of those ongoing activities which are recommended for continuation is given in the Land Use Activity section; however, it must be realized that in some instances further refinement may be required.

b. Land Use Intent

This area is being recommended for park status.

c. Land Use Activity For Area No. 9 (b) — EVELYN TOWNSHIP SITE

Activity	Acceptable		Recommended
	Yes	No	Guidelines
Aggregate Extraction		x	
Agriculture		x	
Bait Fishing		x	Not applicable.
Commercial Fishing		x	Not applicable.
Cottaging		x	
Crown Land Recreation		x	Not applicable
Forestry		x	
Hunting	x		It is recommended that hunting be permitted to continue.
Mining		x	
Provincial Parks	x		
Roads		x	
Rural Residential		x	
Sport Fishing		x	Not applicable.
Tourism		x	
Trapping	x		It is recommended that existing trapping activity be permitted to continue.
Wildlife Viewing	x		
Wild Rice Harvesting		x	Not applicable.
Urban Development		x	

INTERIM MANAGEMENT STATEMENT

I have read this Interim Management Statement and weighed the recommendations in regard to my area of assigned responsibility. I have made my views known and have participated in the District decision and choice of action:

DISTRICT APPROVAL	SIGNATURE	DATE
FISH & WILDLIFE SUPERVISOR		
ADMIN/FIELD SERVICES SUPERVISOR		
FOREST MANAGEMENT SUPERVISOR		84.08.31
LANDS & PARKS SUPERVISOR		
DISTRICT MANAGER		